

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. AWARDING OFFICE:	
				Office of Naval Research 875 N. Randolph Street, Suite 1425 Arlington, VA 22203-1995	
4. AWARD NO.: N00014-19-1-2208		1. INSTRUMENT TYPE: Grant Award		3b. CFDA: 12.300	
		2. AUTHORITY: 10 USC 2358 and 31 USC 6304, as amended		3c. DUNS NUMBER: 052184116	
8. ACTIVITY/AGENCY PROPOSAL NO.: GRANT12671615		5. MODIFICATION NO.:	6. MODIFICATION TYPE: NEW	7. PR NO.: 1000010703	
		9. RECIPIENT PROPOSAL NO.:	10. PROPOSAL DATE: 07062018	11. ACTIVITY TYPE: R&D	12. PROGRAM TYPE: DURIP
13. ISSUED TO 13a. ADDRESS:	13b. CAGE: 97668	13c. ED/EFT NUMBER: N/A	14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13		
CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH PA 15213-3815 UNITED STATES OF AMERICA					
13d. BUSINESS OFFICE CONTACT: Judy Coyle					
13e. TELEPHONE NUMBER: 412-268-5597	13f. EMAIL ADDRESS: jcoyle@andrew.cmu.edu				
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Acquisition of a Multi-Armed Robot System for Automated Experimentation in DoD-Relevant Robot Learning Research					
16. FUNDING		ACTIVITY/AGENCY SHARE	RECIPIENT SHARE	TOTAL	17. CURRENT FUNDING PERIOD
PREVIOUSLY OBLIGATED:				\$0.00	N/A THROUGH N/A
OBLIGATED BY THIS ACTION:				\$282,756.00	
TOTAL OBLIGATED ON AWARD:				\$282,756.00	18. PERIOD OF PERFORMANCE 06/01/2019 THROUGH 05/31/2020
FUTURE FUNDING:				\$0.00	
GRANT TOTAL:				\$282,756.00	
19. ACCOUNTING AND APPROPRIATION DATA: See Attached Financial Accounting Data Sheet(s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: Oliver Kroemer		21. TECHNICAL REPRESENTATIVE 21a. NAME: THOMAS MCKENNA		21b. CODE: 341	
		21c. ADDRESS: ONR HUMAN & BIOENGINEERED SYSTEMS 875 N. Randolph Street Arlington VA 22203-1995			
20b. TELEPHONE NUMBER: 323-536-7340	20c. EMAIL ADDRESS: okroemer@andrew.cmu.edu		21d. TELEPHONE NUMBER: 703-696-4503	21e. EMAIL ADDRESS: TOM.MCKENNA@NAVY.MIL	
22. POC FOR THIS ACTION 22a. NAME: VERONICA Y LACEY		22b. CODE: BD253	23a. ADMINISTRATIVE OFFICE: ONR REG Office Chicago Telephone: (312) 886-5423 Email: ONR_Chicago@navy.mil 230 South Dearborn CHICAGO IL 60604-1595		23b. CODE: N62880
22c. ADDRESS: Office of Naval Research 875 N. Randolph Street Suite 1425 Arlington VA 22203-1995					
22d. TELEPHONE NUMBER: 703-696-2593	22e. EMAIL ADDRESS: VERONICA.LACEY@NAVY.MIL				
24. SUBMIT PAYMENT REQUEST TO: Same as block 23a	25a. PAYING OFFICE DFAS-CO/NORTH ENTITLEMENT OPERATIONS HQ0337 PO Box 182266 COLUMBUS OH 43128		25b. CODE: HQ0337	26a. PATENT OFFICE:	26b. CODE: N00014
		Office of Naval Research ATTN: ONR Office of Counsel Intellectual Property Section One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995			

AWARD NO. N00014-19-1-2208		<b>AWARD/MODIFICATION</b>		MODIFICATION NO.																						
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5																										
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>																										
This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.																										
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.																										
DOCUMENT				URL																						
<p>The following documents may be found at :</p> <p><a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a></p> <p>DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (JULY 2018)</p> <p>UAWA AWARD A (SEP 2017)</p> <p>ADDENDUM TO THE DOD R&amp;D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS - DOMESTIC RESEARCH (JAN 2019)</p> <p>SPECIAL TERMS AND CONDITIONS (DURIP REPORTS ARTICLE APRIL 2018)</p>																										
<table border="1"> <thead> <tr> <th>30. OPTIONS</th> <th>OPTION NO.</th> <th>AMOUNT</th> <th>PERIOD</th> </tr> </thead> <tbody> <tr><td>(1)</td><td></td><td></td><td></td></tr> <tr><td>(2)</td><td></td><td></td><td></td></tr> <tr><td>(3)</td><td></td><td></td><td></td></tr> <tr><td>(4)</td><td></td><td></td><td></td></tr> </tbody> </table>							30. OPTIONS	OPTION NO.	AMOUNT	PERIOD	(1)				(2)				(3)				(4)			
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(2)																										
(3)																										
(4)																										
31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the General Terms and Conditions and in any additional language for Part 5 in an ONR Addendum to the General Terms and Conditions specified in Block 29.																										
32. FOR THE RECIPIENT				33. FOR THE UNITED STATES OF AMERICA																						
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN				33a. SIGNATURE OF AWARING OFFICER Digitally signed by VERONICA LACEY 1231655901 Dated: 2019.04.12 09:37:40 EST																						
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER VERONICA LACEY		33c. DATE SIGNED 04/12/2019																				

## FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-19-1-2208			2. SPIIN (CRITICAL)		3. MOD (CRITICAL)			4. PR NUMBER 1000010703								
CLIN/SLIN	6. LINE OF ACCOUNTING												7.  AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE					
											PROJ UNIT	MCC				PDLI & SUF
	AA	1791319	W1HZ	410	00	014	0	050120	2D	000000	000027	602	065	\$282,756.00		
PAGE TOTAL														\$282,756.00		
GRAND TOTAL														\$282,756.00		
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:										
DATE:						FOR FISCAL DATA AND SIGNATURE										
						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED										
DATE:						DATE:										

## FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-19-1-2208		2. SPIIN (CRITICAL)	3. MOD (CRITICAL)	4. PR NUMBER 1000010703		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
PAGE TOTAL						
GRAND TOTAL						
PREPARED/AUTHORIZED BY:  DATE:			COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE: _____			

AWARD NO. N00014-19-1-2208	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO.	
<p>The Following payment instructions are hereby provided:</p> <p>Payment Office:</p> <p>The payment office shall make payment in sequential ACRN order within the award, exhausting all funds in the previous ACRN before paying from the next ACRN using the following sequential order: alpha/alpha; alpha/numeric; numeric/alpha; and numeric/numeric ACRN sequence...</p> <p>..</p> <p>Grantee:</p> <p>Payment guides are available on the ONR website at the following link: <a href="https://www.onr.navy.mil/en/work-with-us/manage-your-award/manage-grant-award#grant-payment">https://www.onr.navy.mil/en/work-with-us/manage-your-award/manage-grant-award#grant-payment</a></p> <p>..</p> <p>Block 29: Terms and conditions are available on the ONR website at the following link: <a href="https://www.onr.navy.mil/work-with-us/manage-your-award/manage-grant-award/grants-terms-conditions">https://www.onr.navy.mil/work-with-us/manage-your-award/manage-grant-award/grants-terms-conditions</a></p>			